

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in this application.

Listing of the Claims

1-33. (Cancelled)

34. (New) A video recorder configured to schedule the storage of shows, the video recorder comprising:

at least one television tuner that is in a network of tuners, the at least one television tuner being configured to receive a plurality of shows;

a storage device coupled to the at least one television tuner, the storage device being configured to store a plurality of the received shows; and

a conflict manager configured to:

maintain a list of shows that are scheduled for storage on the storage device using the at least one tuner;

determine that there is a tuner conflict based on the maintained list of shows;

determine an availability of at least one other tuner in the network of tuners;

generate a plurality of solutions to the tuner conflict, each solution corresponding to a storage schedule that comprises a subset of the shows in the maintained list; and

initiate the storage of shows according to the storage schedule corresponding to one of the plurality of solutions using the at least one other tuner in the network of tuners.

35. (New) The video recorder of claim 34, wherein the conflict manager is further configured to determine an availability of at least one other tuner in the network of tuners by querying the network for another available tuner.

36. (New) The video recorder of claim 34, wherein the conflict manager is further configured to:

receive a request to store a further show to the storage device; and

assign a priority to the further show.

37. (New) The video recorder of claim 36, wherein the conflict manager is further configured to evaluate the

plurality of solutions by comparing the assigned priority of the further show to priorities associated with the shows in the plurality of solutions.

38. (New) The video recorder of claim 37, wherein the conflict manager is further configured to eliminate at least one solution if each of the shows in the storage schedule corresponding to the at least one solution has a lower priority than the priority assigned to the further show.

39. (New) The video recorder of claim 37, wherein the conflict manager is further configured to cancel the recording of each of the shows in the storage schedule corresponding to the at least one eliminated solution.

40. (New) The video recorder of claim 36, wherein the conflict manager is further configured to provide the user with the opportunity to cancel at least one show from one of the plurality of solutions.

41. (New) The video recorder of claim 36, wherein the conflict manager is further configured to search through an

interactive program guide to determine if one of the shows in the maintained list is available to record at a later time.

42. (New) The video recorder of claim 41, wherein the conflict manager is further configured to reschedule the recording of the program to the later time based on the determination.

43. (New) A method for scheduling the storage of shows, the method comprising:

receiving a plurality of shows on at least one television tuner that is in a network of television tuners;

maintaining a list of shows that are scheduled to be stored on a storage device, the storage device being coupled to the at least one television tuner and configured to store a plurality of the received shows;

determining that there is a tuner conflict based on the maintained list of shows;

determining an availability of at least one other tuner in the network of tuners;

generating a plurality of solutions to the tuner conflict, each solution corresponding to a storage schedule

that comprises a subset of the shows in the maintained list;
and

initiating the storage of shows on the storage device
according to the storage schedule corresponding to one of the
plurality of solutions using the at least one other tuner in
the network of tuners.

44. (New) The method of claim 43, further comprising
determining an availability of at least one other tuner in the
network of tuners by querying the network for another available
tuner.

45. (New) The method of claim 43, further
comprising:

receiving a request to store a further show to
the storage device; and

assigning a priority to the further show.

46. (New) The method of claim 45, further
comprising evaluating the plurality of solutions by comparing
the assigned priority of the further show to priorities
associated with the shows in the plurality of solutions.

47. (New) The method claim 46, further comprising eliminating at least one solution if each of the shows in the storage schedule corresponding to the at least one solution has a lower priority than the priority assigned to the further show.

48. (New) The method of claim 47, further comprising cancelling the recording of each of the shows in the storage schedule corresponding to the at least one eliminated solution.

49. (New) The method of claim 43, further comprising providing the user with the opportunity to cancel at least one show from one of the plurality of solutions.

50. (New) The method of claim 45, wherein the priority associated with one show in the maintained list of shows is established by comparing the length of the one show to each of the other shows in the maintained list.

51. (New) The method of claim 45, wherein the priority associated with one show in the maintained list of shows is established based on whether the show was scheduled for recording manually or automatically.

52. (New) The method of claim 43, wherein determining that there is a tuner conflict further comprises determining if there is a conflict between a plurality of series.

53. (New) The method of claim 52, further comprising eliminating at least one solution if at least one show in the storage schedule corresponding to the at least one solution is part of the series and is a repeat.

54. (New) The method of claim 43, wherein the priority associated with one show in the maintained list of shows is established based on whether the one show is currently being recorded to the storage device.

55. (New) Computer readable storage media comprising instructions for:

receiving a plurality of shows on at least one television tuner that is in a network of television tuners;

maintaining a list of shows that are scheduled to be stored on a storage device, the storage device being coupled to the at least one television tuner and configured to store a plurality of the received shows;

determining that there is a tuner conflict based on the maintained list of shows;

determining an availability of at least one other tuner in the network of tuners;

generating a plurality of solutions to the tuner conflict, each solution corresponding to a storage schedule that comprises a subset of the shows in the maintained list; and

initiating the storage of shows on the storage device according to the storage schedule corresponding to one of the plurality of solutions using the at least one other tuner in the network of tuners.

56. The computer readable storage media of claim 55, further comprising instructions for determining an availability

of at least one other tuner in the network of tuners by querying the network for another available tuner.

57. (New) The computer readable storage media of claim 55, further comprising instructions for:

receiving a request to store a further show to the storage device; and

assigning a priority to the further show.

58. (New) The computer readable storage media of claim 57, further comprising instructions for evaluating the plurality of solutions by comparing the assigned priority of the further show to priorities associated with the shows in the plurality of solutions.

59. (New) The computer readable storage media of claim 58, further comprising instructions for eliminating at least one solution if each of the shows in the storage schedule corresponding to the at least one solution has a lower priority than the priority assigned to the further show.

60. (New) The computer readable storage media of claim 59, further comprising instructions for cancelling the recording of each of the shows in the storage schedule corresponding to the at least one eliminated solution.

61. (New) The computer readable storage media of claim 55, further comprising instructions for providing the user with the opportunity to cancel at least one show from one of the plurality of solutions.

62. (New) The computer readable storage media of claim 57, further comprising instructions for establishing the priority associated with one show in the maintained list of shows by comparing the length of the one show to each of the other shows in the maintained list.

63. (New) The computer readable storage media of claim 57, further comprising instructions for establishing the priority associated with one show in the maintained list of shows based on whether the show was scheduled for recording manually or automatically.

64. (New) The computer readable storage media of claim 55, further comprising instructions for determining that there is a tuner conflict by determining if there is a conflict between a plurality of series.

65. (New) The computer readable storage media of claim 64, further comprising instructions for eliminating at least one solution if at least one show in the storage schedule corresponding to the at least one solution is part of the series and is a repeat.

66. (New) The computer readable storage media of claim 57, further comprising instructions for establishing the priority associated with one show in the maintained list of shows based on whether the one show is currently being recorded to the storage device.